

# **Petroleum Supply Annual 1995**

## **Volume 1**

**May 1996**

**Energy Information Administration**  
Office of Oil and Gas  
U.S. Department of Energy  
Washington, DC 20585

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

This publication and other Energy Information Administration (EIA) publications may be **purchased** from the Superintendent of Documents, U.S. Government Printing Office.

**All telephone orders should be directed to:**

Superintendent of Documents  
U.S. Government Printing Office  
Main Order Desk  
(202) 512-1800  
(202) 512-2250 (FAX)  
8:00 a.m. to 4:30 p.m., eastern time, M-F

**All mail orders should be directed to:**

U.S. Government Printing Office  
P.O. Box 371954  
Pittsburgh, PA 15250-7954

**Complimentary** subscriptions and single issues are available to certain groups of subscribers, such as public and academic libraries, Federal, State, local, and foreign governments, EIA survey respondents, and the media. For further information, and for answers to questions on energy statistics, please contact EIA's National Energy Information Center. Address, telephone numbers, and hours are as follows:

National Energy Information Center, EI-231  
Energy Information Administration  
Forrestal Building, Room 1F-048  
Washington, DC 20585  
(202) 586-8800  
(202) 586-0727 (FAX)

TTY: For the hearing impaired:  
(202) 586-1181  
9:00 a.m. to 5:00 p.m., eastern time, M-F

Internet Addresses:  
E-mail: [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov)  
World Wide Web Site: <http://www.eia.doe.gov>  
Gopher Site: <gopher://gopher.eia.doe.gov>  
FTP Site: <ftp://ftp.eia.doe.gov>

We thank the following for the use of their photographs and illustrations in this report.

Standard Oil Co., page 1 (courtesy of the American Petroleum Institute).  
Phillips 66 Co., page 31 (courtesy of Phillips 66 Company).  
Chevron U.S.A. Inc., page 79 (courtesy of the American Petroleum Institute).  
Texaco Inc., page 83 (courtesy of Texaco Inc.).  
Standard Oil Co., page 87 (courtesy of the American Petroleum Institute).  
Texaco Inc., page 119 (courtesy of the American Petroleum Institute).  
Atlantic Richfield Co., page 123 (courtesy of the American Petroleum Institute).

Released for printing: May 16, 1996

GPO Stock No: 061-003-00958-1

*Cover: Artist's rendition of a graphic display with a profile of a drilling rig.*



Printed with soy ink on recycled paper

# Contacts

The *Petroleum Supply Annual* is prepared by the Petroleum Supply Division of the Office of Oil and Gas, Energy Information Administration, under the direction of Charles C. Heath (202) 586-6860.

Questions and comments concerning the contents of the *Petroleum Supply Annual* may be referred to Ronald W. O'Neill (202) 586-9884, Chief of the Industry Analysis Branch, or the following specialists:

<b>Summary Statistics</b> .....	Nancy Masterson	(202) 586-8393
<b>Supply and Disposition</b> .....	Nancy Masterson	(202) 586-8393
<b>Crude Oil Production</b> .....	David Hinton	(202) 586-2990
<b>Natural Gas Processing</b> .....	David Hinton	(202) 586-2990
<b>Refinery Operations</b> .....	Evie Harper	(202) 586-5786
<b>Imports</b> .....	Claudette Graham	(202) 586-9649
<b>Exports</b> .....	John Nealey	(202) 586-9670
<b>Stocks</b> .....	Mike Conner	(202) 586-1795
<b>Transportation</b> .....	Mike Conner	(202) 586-1795

Additional information on all energy statistics available from the Energy Information Administration may be obtained from the National Energy Information Center (202) 586-8800.

# Preface

The *Petroleum Supply Annual* (PSA) contains information on the supply and disposition of crude oil and petroleum products. The publication reflects data that were collected from the petroleum industry during 1995 through monthly surveys. The *PSA* is divided into two volumes. This first volume contains three sections: Summary Statistics, Detailed Statistics, and selected Refinery Statistics each with final annual data. The second volume contains final statistics for each month of 1995, and replaces data previously published in the *Petroleum Supply Monthly* (PSM). The tables in Volumes 1 and 2 are similarly numbered to facilitate comparison between them. Below is a description of each section in Volume 1 of the *PSA*.

## Summary Statistics

This section contains a summary of the data presented each month in the *PSM* and in Volume 2 of the *PSA*. It includes a description of the major events in the petroleum industry during 1995 including trends in supply, consumption, and production. Graphs and tables are provided which show 15 years of data depicting the balance between supply, disposition and ending stocks for various commodities including crude oil, motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, propane/propylene, and liquefied petroleum gases.

## Detailed Statistics

The tables contained in this section provide 1995 detailed statistics on supply and disposition, refinery operations, imports and exports, stocks, and transportation of crude oil and petroleum products. In most cases, the statistics are presented for several geographic areas -- the United States (50 States and the District of Columbia), five Petroleum Administration for Defense (PAD) Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented.

## Refinery Statistics

This section includes a list of refinery shutdowns and reactivations during 1995, refinery sales between March 1995 and February 1996, and refinery fuel use of crude oil and petroleum products during 1995. Annual U.S. refinery capacity data collection and publication normally presented each year in this section has been moved to a biennial schedule (every other year). The next year refinery capacity data collection will occur is 1997, and will present refinery capacity data as of January 1, 1997.

## Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication. Industry terminology and product definitions are listed alphabetically in the Glossary.

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Detailed Statistics Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix C (1994 Revised Crude Oil Production) - Updated monthly and annual crude oil production statistics received after the publication of the 1994 *PSA*.

# Contents

	Page
<b>Tables</b>	
<b>Summary Statistics</b>	
S1. Crude Oil and Petroleum Products Overview, 1981-Present .....	2
S2. Crude Oil Supply and Disposition, 1981-Present .....	6
S3. Crude Oil and Petroleum Product Imports, 1981-Present .....	8
S4. Finished Motor Gasoline Supply and Disposition, 1981-Present .....	17
S5. Distillate Fuel Oil Supply and Disposition, 1981-Present .....	19
S6. Residual Fuel Oil Supply and Disposition, 1981-Present .....	21
S7. Jet Fuel Supply and Disposition, 1981-Present .....	23
S8. Propane/Propylene Supply and Disposition, 1981-Present .....	25
S9. Liquefied Petroleum Gases Supply and Disposition, 1981-Present .....	27
S10. Other Petroleum Products Supply and Disposition, 1981-Present .....	28
Summary Statistics Table and Figure Sources .....	29
Summary Statistics Explanatory Notes .....	30
<b>Detailed Statistics</b>	
<b>National Statistics</b>	
1. U.S. Petroleum Balance .....	33
2. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products .....	34
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products .....	35
<b>Supply and Disposition of Crude Oil and Petroleum Products</b>	
4. PAD District I .....	36
5. Daily Average PAD District I .....	37
6. PAD District II .....	38
7. Daily Average PAD District II .....	39
8. PAD District III .....	40
9. Daily Average PAD District III .....	41
10. PAD District IV .....	42
11. Daily Average PAD District IV .....	43
12. PAD District V .....	44
13. Daily Average PAD District V .....	45
<b>Production of Crude Oil</b>	
14. Production of Crude Oil by PAD District and State .....	46
<b>Natural Gas Processing</b>	
15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts .....	47
<b>Refinery Operations</b>	
16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts .....	48
17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts .....	50
18. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts .....	52
19. Percent Refinery Yield of Petroleum Products by PAD and Refining Districts .....	54
<b>Imports of Crude Oil and Petroleum Products</b>	
<b>PAD District</b>	
20. Imports of Crude Oil and Petroleum Products .....	55
<b>Country of Origin</b>	
21. United States .....	56
22. PAD District I .....	58
23. PAD District II .....	60
24. PAD District III .....	62
25. PAD Districts IV and V .....	64
<b>State of Entry</b>	
26. Imports of Residual Fuel Oil by Sulfur Content .....	66

	<b>Page</b>
<b>Tables</b>	
<b>Exports of Crude Oil and Petroleum Products</b>	
27. Exports of Crude Oil and Petroleum Products by PAD District .....	67
28. Exports of Crude Oil and Petroleum Products by Destination.....	68
<b>Net Imports</b>	
29. Net Imports of Crude Oil and Petroleum Products into the United States by Country .....	70
<b>Stocks</b>	
30. Stocks of Crude Oil and Petroleum Products by PAD District .....	71
31. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State.....	74
<b>Movements of Crude Oil and Petroleum Products</b>	
32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts .....	75
33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts .....	76
34. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts .....	77
35. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts .....	78
<b>Refinery Statistics</b>	
36. Refinery Fuel Use and Losses by PAD District, 1995 .....	80
37. Shutdown and Reactivated Refineries During 1995 .....	80
38. Refinery Sales, March 1995 through February 1996 .....	81
<b>Illustrations</b>	
S1. Petroleum Overview, 1981-Present .....	4
S2. Petroleum Products Supplied, 1981-Present.....	4
S3. Crude Oil Supply and Disposition, 1981-Present .....	5
S4. Crude Oil Ending Stocks, 1981-Present .....	5
S5. Finished Motor Gasoline Supply and Disposition, 1981-Present.....	16
S6. Motor Gasoline Ending Stocks, 1981-Present.....	16
S7. Distillate Fuel Oil Supply and Disposition, 1981-Present.....	18
S8. Distillate Fuel Oil Ending Stocks, 1981-Present .....	18
S9. Residual Fuel Oil Supply and Disposition, 1981-Present.....	20
S10. Residual Fuel Oil Ending Stocks, 1981-Present.....	20
S11. Jet Fuel Supply and Disposition, 1981-Present .....	22
S12. Jet Fuel Ending Stocks, 1981-Present.....	22
S13. Propane/Propylene Supply and Disposition, 1981-Present .....	24
S14. Propane/Propylene Ending Stocks, 1981-Present.....	24
S15. Liquefied Petroleum Gases Supply and Disposition, 1981-Present .....	26
S16. Liquefied Petroleum Gases Ending Stocks, 1981-Present.....	26
<b>Appendices</b>	
A. District Descriptions and Maps .....	85
B. Explanatory Notes .....	89
C. 1994 Revised Crude Oil Production .....	119
<b>Glossary</b>	
Definitions of Petroleum Products and Other Terms .....	125